

CUSTOMER: N/A

NOTE: Down Converter

MODEL NO: 970B-38.25/383S

SERIAL NO: N/A

| ITEM NO | SPECIFICATION | TEST DATA |
|---------|-----------------------------------|----------------------------|
| 1 | RF Input Frequency | 38.0 to 38.5 GHz |
| 2 | IF Output Frequency | 950 to 1450 MHz |
| 3 | Frequency Inversion | No |
| 4 | Input Return Loss | ≤ 10 dB |
| 5 | Output Return Loss | ≤ 15 dB |
| 6 | 1 dB Compression Point | 5 dBm |
| 7 | Conversion Gain | ≤ 30 dB |
| 8 | Attenuation Range | 0 to 30 dB in 0.5 dB Steps |
| 9 | Input Port | WR-22 Waveguide |
| 10 | Input Flange | UG-383/U |
| 11 | Output Connector | SMA(F) |
| 12 | Gain Flatness (Over 500 MHz Band) | ± 1 dB |
| 13 | Image Rejection | 80 dB |
| 14 | Signal Related Spurious | -65 dBc |
| 15 | Signal Independent Spurious | -70 dBm |
| 16 | 3rd Order Output Intercept Point | 10 dBm |

TESTED BY: NA

DATE: 2021-03-12



